

FIGURE 1

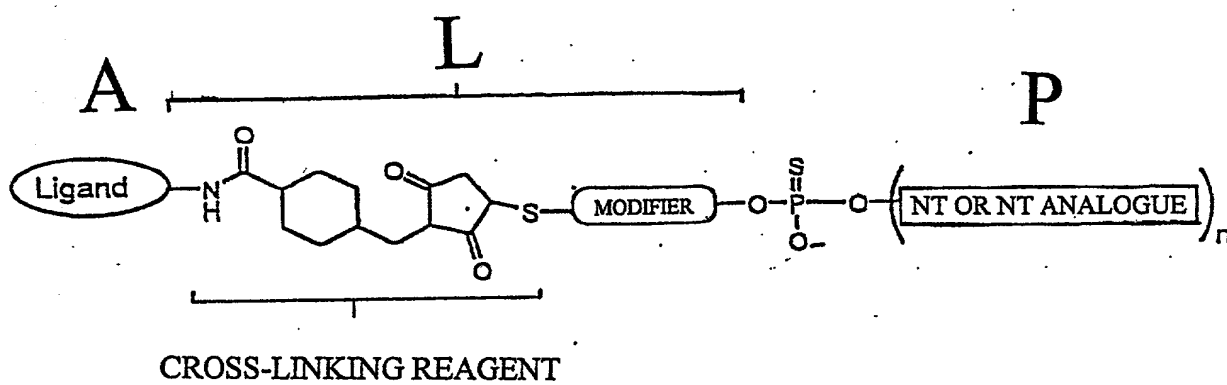


FIGURE 2

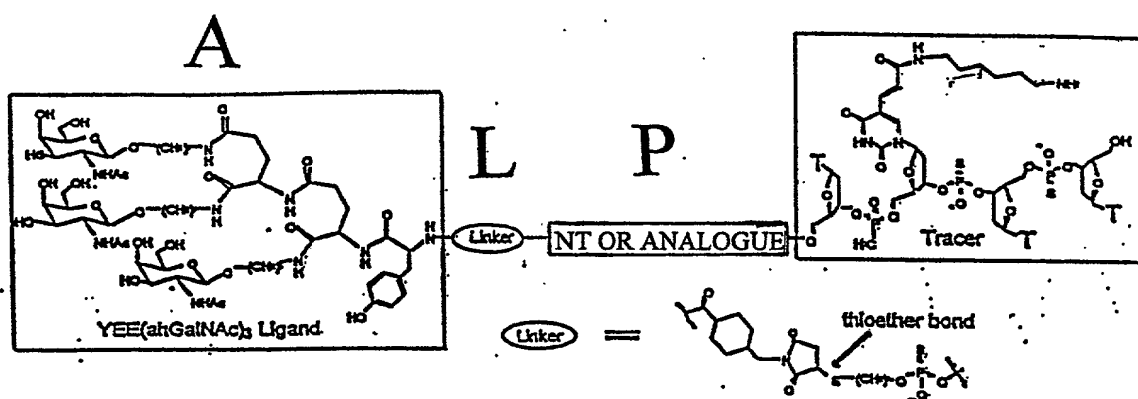
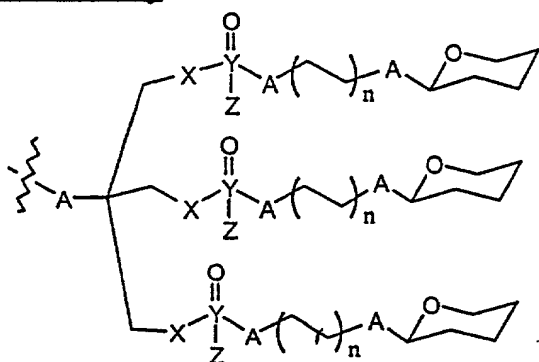


FIGURE 3

Tri-antennary



X = NH, O, S

Y = P or S

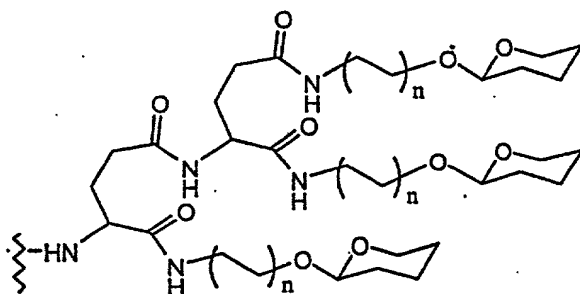
Z = NH-alkyl, NH₂, O⁻, S⁻

A = NH, CH₂, O, S

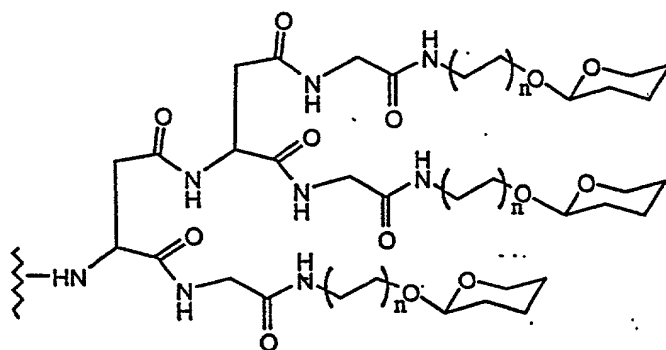
n = 2 to 17 2-carbon units

Carbohydrate =

tris((heteroatom)methyl)-[heteroatom]methane



diglutamyl



diasparatyl

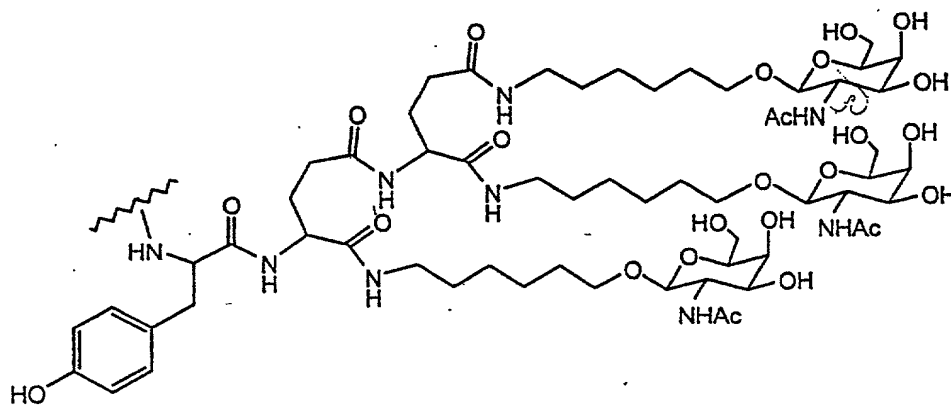
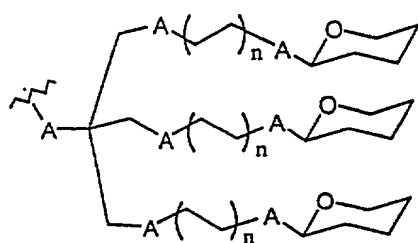


FIGURE 3 (CONTINUED)

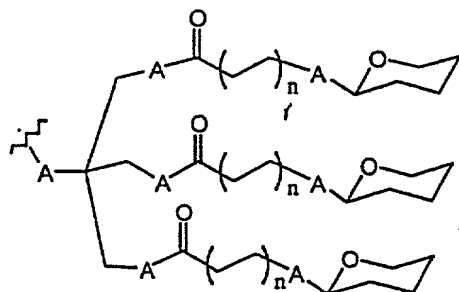


tris((heteroatom)methyl)-[heteroatom]methane
examples

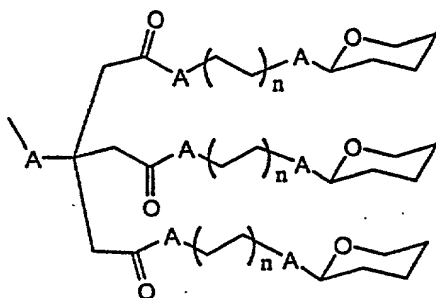
tris(hydroxymethyl)aminomethane-based
[A = O]

tris(aminomethyl)aminomethane-based
[A = NH]

tris(thiomethyl)aminomethane-based
[A = S]

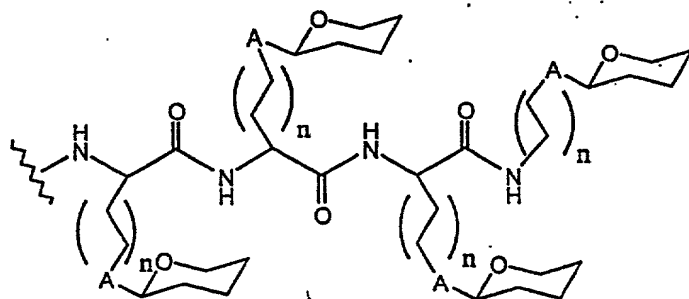


tris(aminomethyl)-[heteroatom]methane



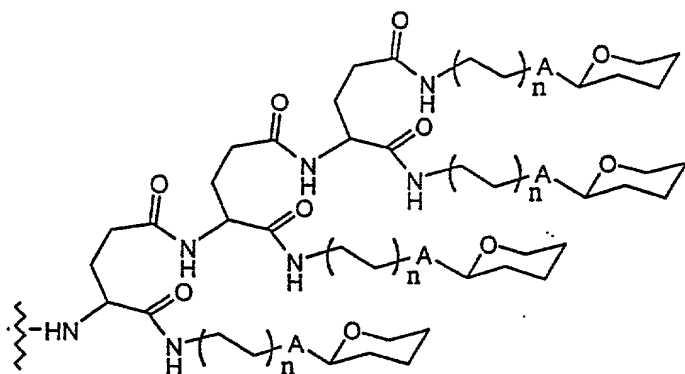
tris(acetoxy)-[heteroatom]methane

Tetra-antennary



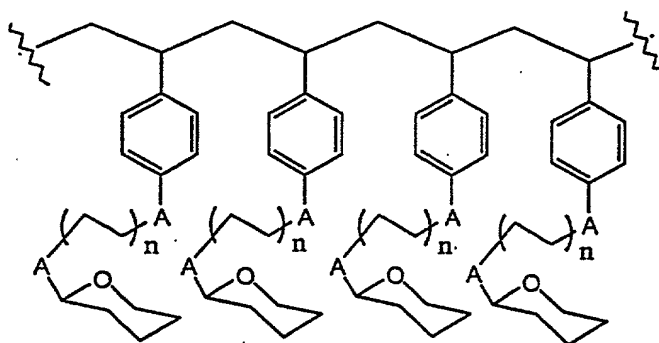
oligo(lysine)

FIGURE 3 (CONTINUED)

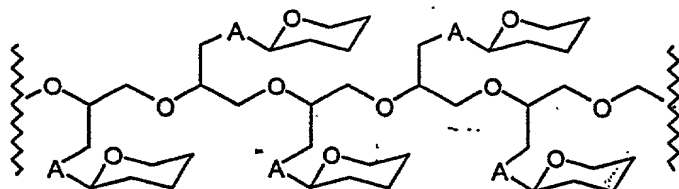


oligopeptide-based
(i.e. triglutamyl)

Multi-antennary



substituted
polystyrene-based



substituted
poly(ethyleneglycol)

SECRET

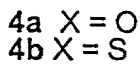
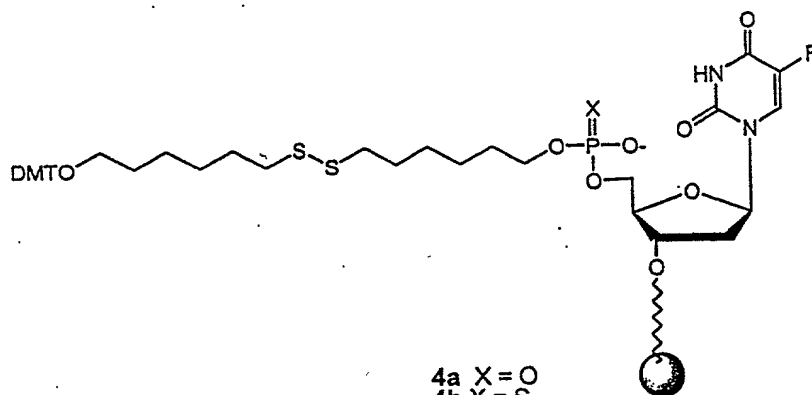
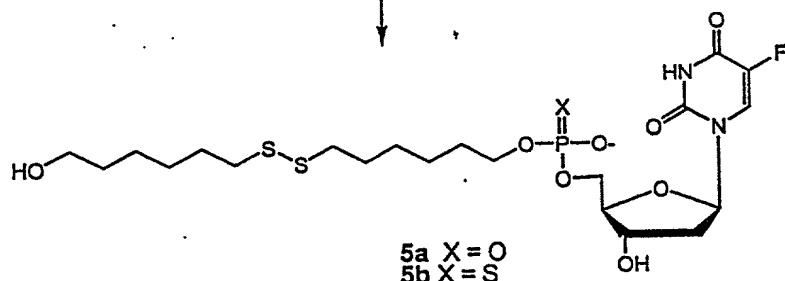


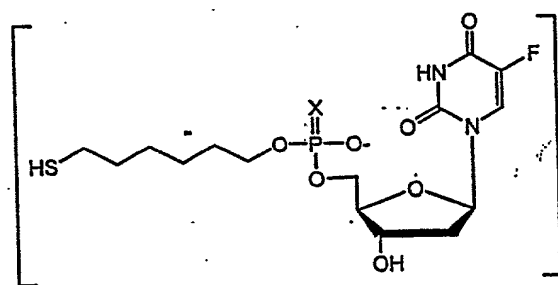
FIGURE 5



C18 SepPak™
1% CF₃COOH



DTT



6a X = O
6b X = S

FIGURE 6

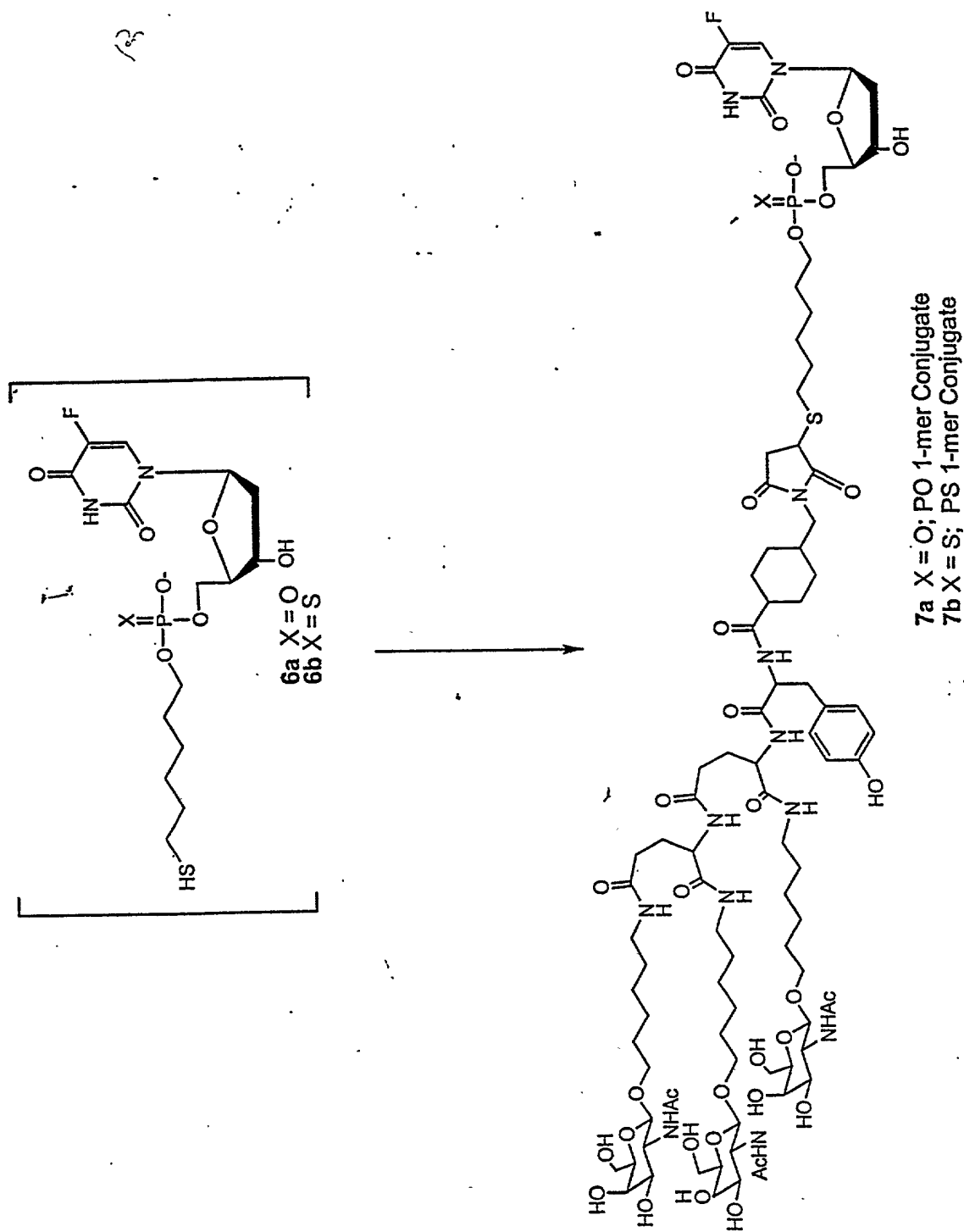


FIGURE 7

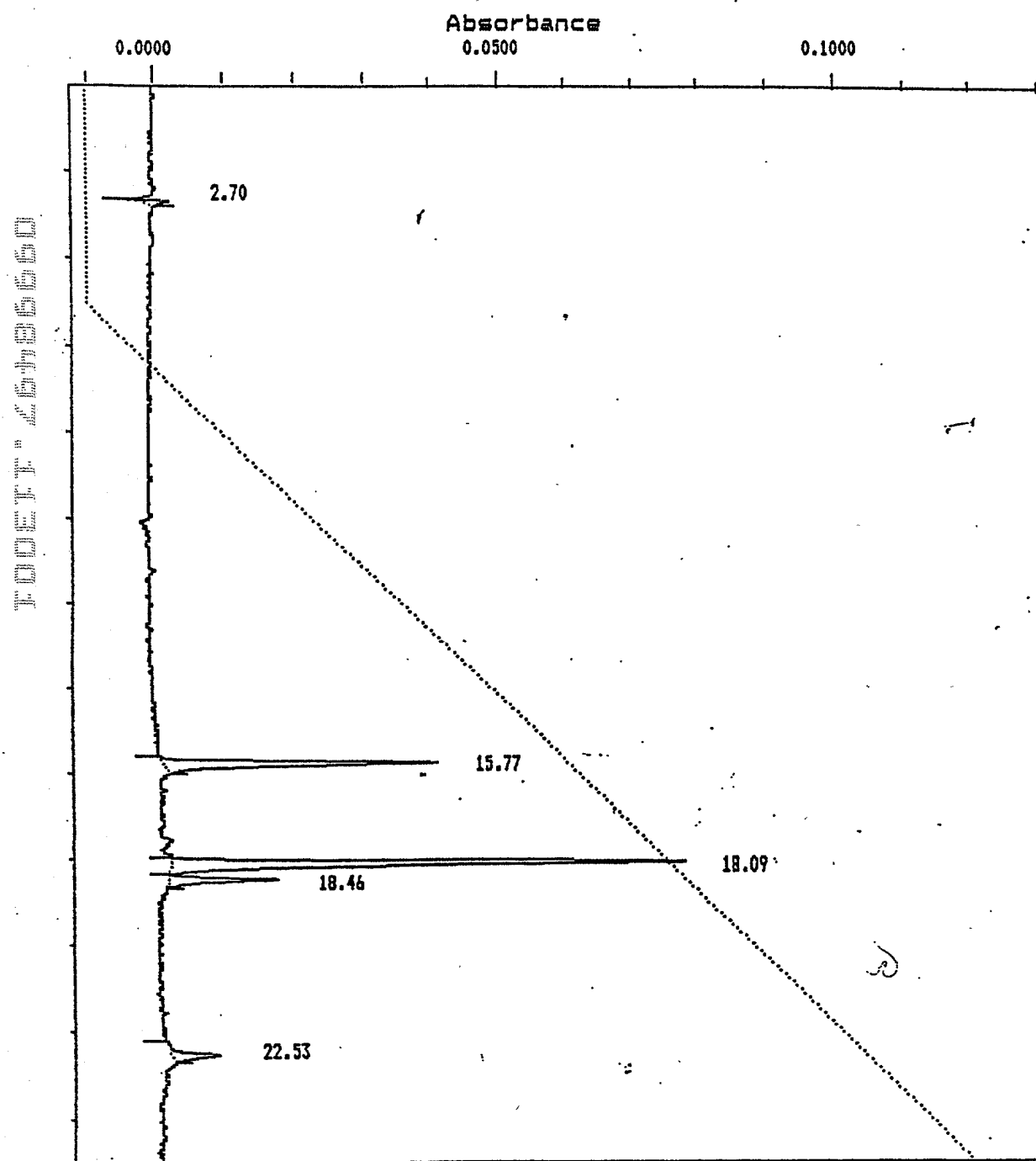


FIGURE 8

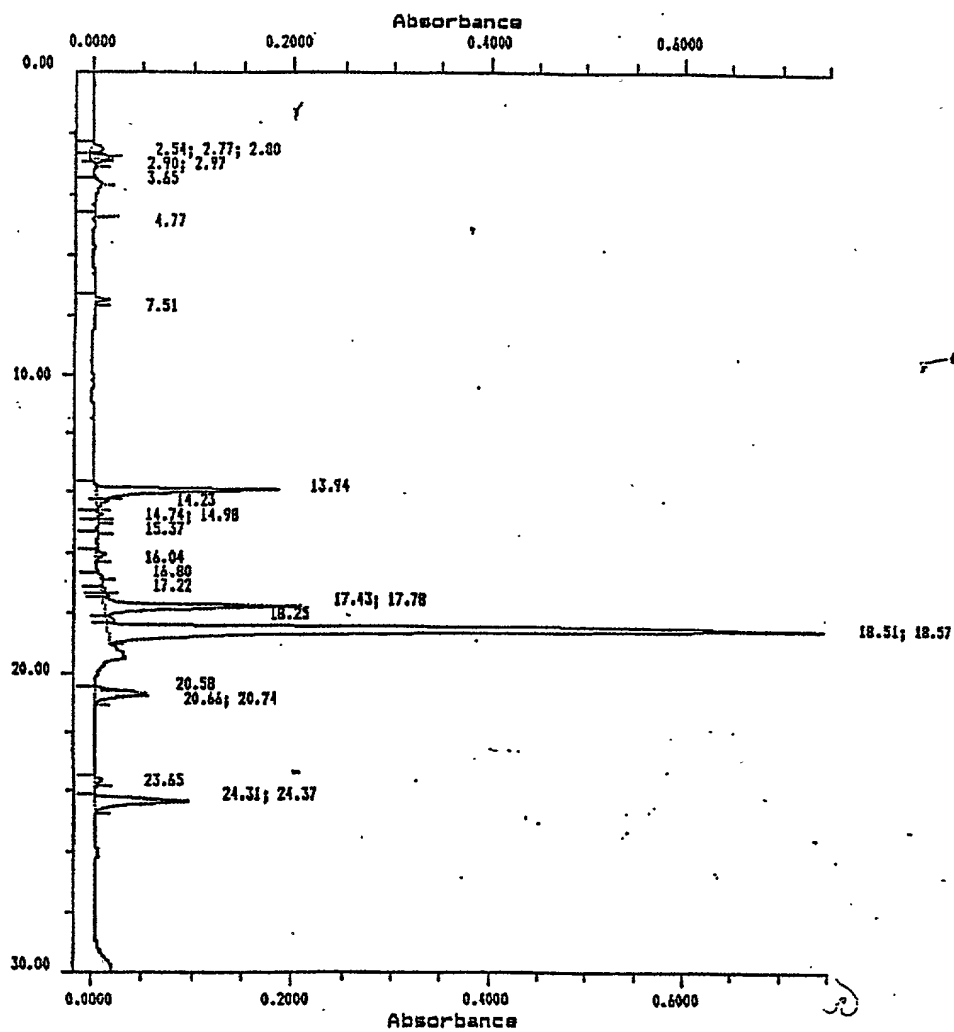
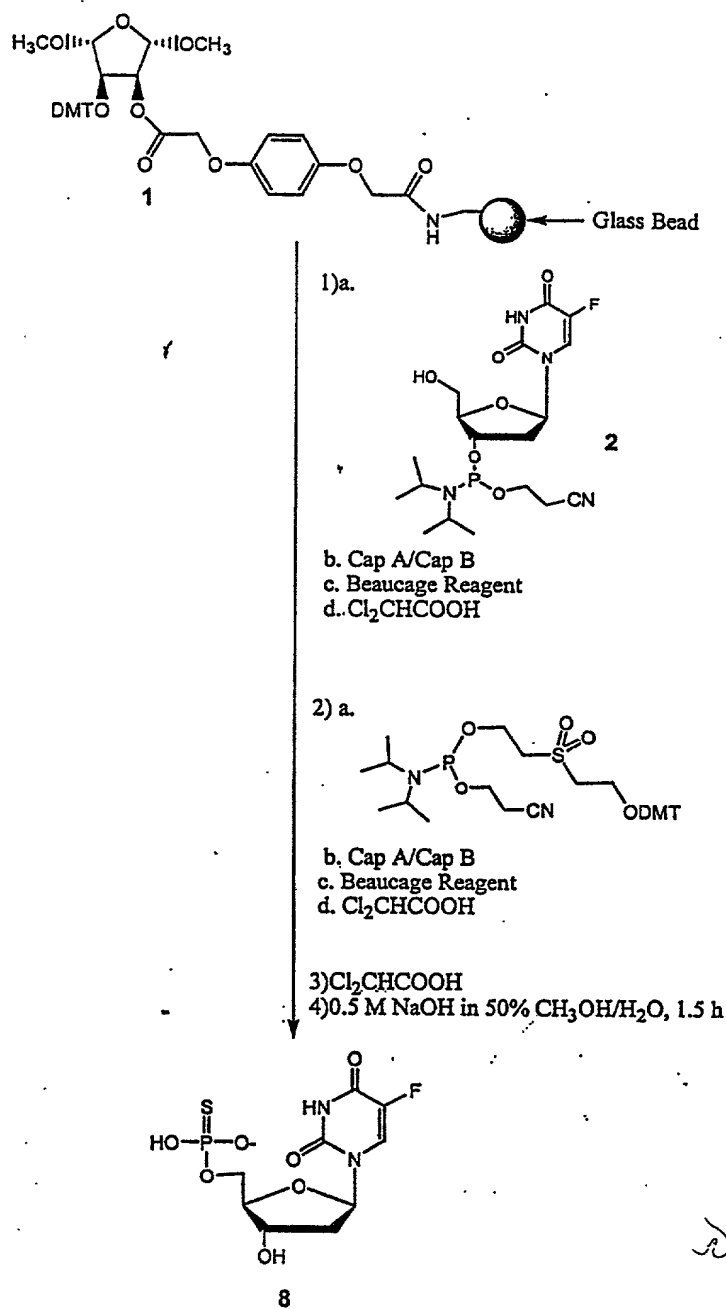
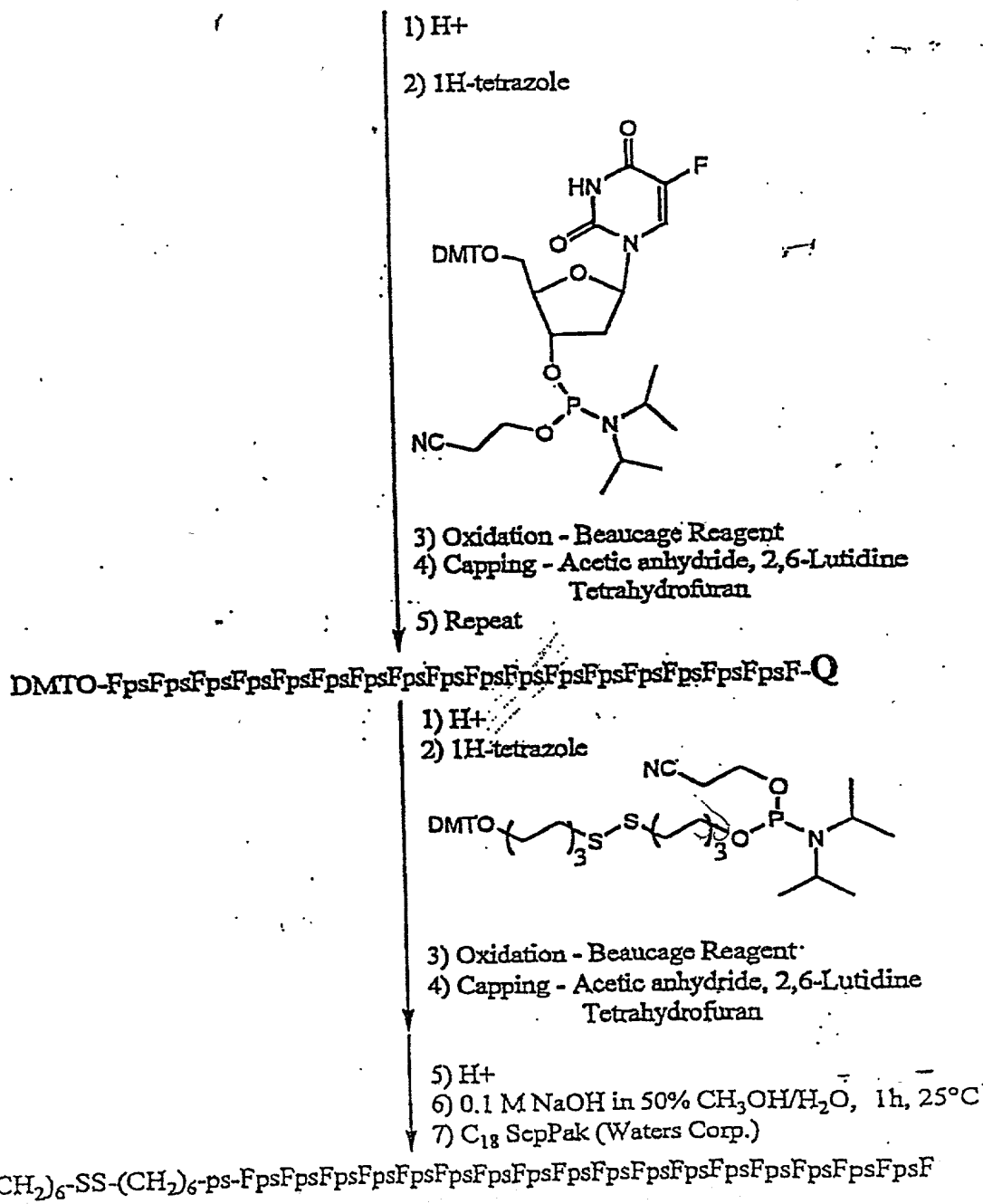


FIGURE 9



[illegible]

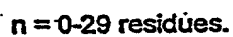


FIGURE 13

